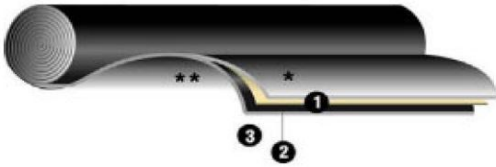


DeboFlex 2,5 T/F C175

- * mixture of talcum and sand
- 1 Upper coating : SBS-elastomer modified bitumen
- 2 Composite reinforcement of 175 g/m² polyester and glass
- 3 Undercoating : SBS-elastomer modified bitumen
- ** sacrificial film

DE BOER WATERPROOFING SOLUTIONS NV
Metropoolstraat 33, B-2900 SCHOTEN

DESCRIPTION AND APPLICATION

A flexible waterproofing membrane consisting of a mixture of penetration bitumen, improved with SBS (Styrene-Butadiene-Styrene). It is reinforced with a composite fleece of 175 g/m² polyester and glass. The upper side is finished with a mixture of talcum and sand and the underside is covered with a sacrificial film. It is used as an underlay or a vapour control layer for torched or mechanically fixed application.

TECHNICAL APPROVALS



NL-BSB-BD 007



BC2-310-0296-0123-01

PACKING

Length (m)	Weight (kg)	Rolls / pallet 100 x 120 cm	Other dimensions and packing are possible on specific demand.
10	25	30	

CONSUMER INFORMATION

Rolls have to be stored vertically. For instructions for use and specific roofing specifications we refer to our website: www.deboer.be.

DeboFlex 2,5 T/F C175



TECHNICAL CHARACTERISTICS

Characteristics	Test method / classification	Units	Expression of result	Value / statement
Length x width	EN 1848-1	m x m	MLV \geq	10 x 1
Thickness	EN 1849-1	mm	MDV \pm 5 %	2,5
Visual defects	EN 1850-1	-	Pass/no pass	Pass
Straightness	EN 1848-1	-	Pass/no pass	Pass
External fire performance	ENV 1187	-	in accordance with EN 13501-5	NA
Reaction to fire	EN 13501-1	-	in accordance with EN 13501-1	F
Tensile strength (L/T)	EN 12311-1	N/50 mm	MDV \pm 20 %	780 / 650
Elongation (L/T)	EN 12311-1	%	MDV \pm 15 abs	30 / 30
Resistance to root penetration	EN 13948	-	Pass/no pass	NA
Water vapour properties (μ)	EN 13707	-	MLV \geq	20000
(μ)eq		m	MLV \geq	50
Resistance to static loading	EN 12730	kg	MLV \geq	NA
Resistance to impact	EN 12691	mm	MLV \geq	NA
Resistance to tearing (nail shank) (L/T)	EN 12310-1	N	MDV \pm 50	300 / 300
Dimensional stability	EN 1107-1	%	MLV \leq	NA
Flexibility at low temperature				
- initial	EN 1109	$^{\circ}$ C	MLV \leq	-15
- after ageing (EN 1296)		$^{\circ}$ C		NA
- under UV (EN 1927)		$^{\circ}$ C		NA
Flow resistance at elevated temperature				
- initial	EN 1110	$^{\circ}$ C	MLV \geq	110
- after ageing (EN 1296)		$^{\circ}$ C		NA
- under UV (EN 1927)		$^{\circ}$ C		NA
Joint strength: peel resistance	EN 12316-1	N/50 mm	MDV \pm 50	NA
Joint strength: shear resistance	EN 12317-1	N/50 mm	MDV \pm 250	NA
Watertightness	EN 1928	-	Pass/no pass	Pass
Watertightness after stretching at low temperature	EN 13897	%	MLV \geq	NA
Adhesion of granules	EN 12039	%	MDV \pm 10 %	NA

MDV: Manufacturer's Declared Value

MLV: Manufacturer's Limiting Value

NPD: No Performance Declared

NA: Not Applicable

JOHAN PASTUER - Responsible Knowledge Centre Roof Techniques

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